

SURVEY CONTROL SHEET W-5313

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	380+65.00	-40.00	648187.3347	1574554.0469
L	380+65.00	-50.00	648197.3229	1574554.5319
L	380+85.00	40.00	648106.4590	1574570.1440
L	380+85.00	50.00	648096.4707	1574569.6591
L	380+95.00	-40.00	648185.8799	1574584.0116
L	380+95.00	-50.00	648195.8682	1574584.4966
L	381+40.00	30.00	648113.7801	1574625.5642
L	383+00.00	-30.00	648165.9507	1574788.2855
L	386+47.00	-30.00	648147.1384	1575136.5675
L	386+55.50	-50.00	648166.0081	1575147.6162
L	387+08.00	-28.47	648136.8801	1575198.5161
L	387+89.00	30.38	648062.4519	1575265.3234
L	388+76.50	57.00	648012.6838	1575337.6269
L	388+79.00	50.50	648018.0226	1575342.0249
L	397+45.00	30.00	647657.0558	1576122.4593
L	397+45.00	48.05	647640.9271	1576114.3559
L	397+45.00	70.00	647621.3135	1576104.5015
L	398+25.00	30.00	647621.1403	1576193.9441
L	398+10.00	-30.00	647681.4880	1576207.4774
L	398+10.00	-70.00	647717.2304	1576225.4351
L	398+25.00	46.40	647606.4859	1576186.5814
L	398+25.00	70.00	647585.3979	1576175.9863
L	398+97.44	-70.00	647677.9739	1576303.5696
L	399+23.00	-30.00	647630.5749	1576308.6029
L	399+23.00	-50.00	647648.3801	1576317.7120
L	399+33.50	44.00	647559.9599	1576284.1221
L	399+38.00	-50.00	647641.4216	1576331.2418
L	399+38.00	-55.00	647645.8631	1576333.5381
L	399+41.00	-55.00	647644.4625	1576336.2443
L	399+41.00	-50.00	647640.0230	1576333.9441

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	399+52.50	-30.00	647616.9124	1576335.0329
L	399+52.50	-50.00	647634.6400	1576344.2921
L	404+35.60	48.76	647299.7041	1576708.8720
L	404+35.60	30.00	647315.6161	1576718.8135
L	404+63.94	49.01	647284.0300	1576734.4529
L	404+63.94	30.00	647300.4860	1576743.9763
L	405+56.50	57.00	647232.4504	1576818.6333
L	405+56.50	64.00	647226.0398	1576815.8218
L	405+59.00	57.00	647231.3812	1576821.0810
L	405+59.00	64.00	647224.9622	1576818.2888
L	407+15.00	48.00	647188.3322	1576981.2279
L	407+46.12	95.92	647134.5571	1577004.6084
L	408+08.28	43.32	647176.5896	1577078.9777
L	409+02.50	48.00	647166.5141	1577177.9074
L	409+02.50	55.00	647159.5141	1577177.9218
L	409+04.50	48.00	647166.5210	1577180.0226
L	409+04.50	55.00	647159.5211	1577180.0539
L	410+78.50	52.00	647181.3246	1577361.3496
L	410+80.50	52.50	647181.1677	1577363.4051
L	410+80.50	46.50	647187.0824	1577362.3972
L	410+82.50	46.50	647187.4184	1577364.3688
L	412+32.29	54.36	647204.5762	1577512.8528
L	412+32.29	30.00	647228.6323	1577508.9963
L	412+62.77	55.55	647208.0225	1577542.6779
L	412+62.77	30.00	647233.2854	1577538.8533
L	414+71.00	-30.49	647318.3401	1577738.2889
L	414+68.50	-45.50	647333.0579	1577734.4065
L	414+98.03	-49.78	647339.9299	1577763.8516
L	415+01.00	-30.29	647320.7542	1577768.4535
L	415+07.82	56.00	647235.2998	1577782.2253

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "13802-12" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 641735.246(±) EASTING: 1535065.380(±) ELEVATION: 708.81(±)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99985319

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "13802-12" TO -L- STATION 10+00.00 IS
13802-12 10,166.40

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTES:

- THE SITE CALIBRATION SHOWN IS BASED UPON A NETWORK TIED TO THE HARN (HIGH ACCURACY REFERENCE NETWORK) NAD 83/NSRS 2007 ADJUSTMENT. THIS CALIBRATION WILL ALLOW THE END USER TO WORK WITHIN THE SAME COORDINATE SYSTEM WHEN USING RTK (REAL TIME KINEMATIC) GPS AND A LOCAL BASE STATION. IF ANOTHER SYSTEM SUCH AS VRS (VIRTUAL REFERENCE STATION) IS USED, ADDITIONAL FIELD TIES MAY BE NEEDED TO REDUCE POSSIBLE ERRORS, OR BIASES.
 - THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
[HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/](https://connect.ncdot.gov/resources/location/)
THE FILES TO BE FOUND ARE AS FOLLOWS:
W5313_LS_GPSCALIB.HTML
W5313_LS_WGS84.TXT
W5313_LS_LOCAL.TXT
W5313_LS_CONTROL.TXT
- THE WGS84 AND LOCAL FILES ARE COMMA DELIMITED AND CAN BE USED TO REPRODUCE THE SITE CALIBRATION FOR THE END USER'S GPS EQUIPMENT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.



INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.
PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

NOTE: DRAWING NOT TO SCALE